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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/697,635

10/29/2003

Brian Harold Kelley

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01/11/2006

QUALCOMM, INC
5775 MOREHOUSE DR.
SAN DIEGO, CA 92121

EXAMINER

NGUYEN, VAN H

ART UNIT

PAPER NUMBER

2194

DATE MAILED: 01/11/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/697,635	KELLEY ET AL.	
	Examiner	Art Unit	
	VAN H. NGUYEN	2194	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 10/10/05.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-24 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-24 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.


 WILLIAM THOMSON
 SUPERVISORY PATENT EXAMINER

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Claims 1-24 are presented for examination.
2. The cross reference related to the application cited in the specification must be updated (i.e., update the relevant status, with PTO serial numbers or patent numbers where appropriate). Correction is required.

Specification

3. Applicant is reminded of the proper language and format for an abstract of the disclosure.

The abstract should be **in narrative form** and generally limited to a single paragraph on a separate sheet within the range of 50 to 150 words. It is important that the abstract not exceed 150 words in length since the space provided for the abstract on the computer tape used by the printer is limited. The form and legal phraseology often used in patent claims, such as "means" and "said," should be avoided. The abstract should describe the disclosure sufficiently to assist readers in deciding whether there is a need for consulting the full patent text for details.

The language should be clear and concise and **should not repeat information given in the title**. It should avoid using phrases which can be implied, such as, "The disclosure concerns," "The disclosure defined by this invention," "The disclosure describes," etc.

The abstract of the disclosure is objected to because it appears to be written as if it were a claim and is **not in narrative form**.

The abstract is also objected to because it **repeats information given in the title**.

Correction is required. See MPEP § 608.01(b). Appropriate correction is required.

Claim Rejections - 35 USC § 102

4. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Claims 1-24 are rejected under 35 U.S.C. 102(b) as being anticipated by the **Draves et al.**

As to claim 1, Draves teaches the invention as claimed including a method for dynamically registering a function in a device that includes at least two operating modes comprising a privileged mode and a non-privileged mode (see the abstract), the method comprising:

- identifying an available slot in a data structure that maps identifiers to functions (col.11, lines 40-60);
- storing a pointer associated with the function in the slot (col.8, lines 19-28; col.13, lines 56-62; and col.14, lines 13-16);
- retrieving an identifier that is associated with the slot (col.11, lines 16-50 and col.12, lines 3-13);
- making the identifier accessible to non-privileged applications (col.11, lines 40-42 and col.14, lines 29-31); and
- accessing the function via the identifier in the privileged non-privileged modes (col.11, lines 40-60).

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As to claim 2, Draves teaches storing the identifier in memory that is readable by non-privileged applications (col.11, lines 20-21 and 40-42).

As to claim 3, the rejection of claim 1 above is incorporated herein in full. Additionally, Draves further teaches a table that maps identifiers to functions (col.7, lines 32-40; col.8, lines 43-49).

As to claim 4, Draves teaches the identifier is an index into the table (col.11, lines 17-19).

As to claim 5, Draves teaches the device is a wireless device (col.6, lines 1-6).

As to claim 6, Draves teaches performing the registration during device initialization (col.13, lines 37-42).

As to claims 7, 8, 11, and 12, note the rejection of claims 1, 2, 5, and 6 above.

As to claims 13, 14, 17, and 18, note the rejection of claims 1, 2, 5, and 6 above.

As to claims 19, 20, 23, and 24, note the rejection of claims 1, 2, 5, and 6 above.

As to claims 9 and 10, note the rejection of claims 3 and 4 above.

As to claims 15 and 16, note the rejection of claims 3 and 4 above.

As to claims 21 and 22, note the rejection of claims 3 and 4 above.

Response to Arguments

5. Applicant's arguments filed 10 October 2005 have been fully considered but they are not persuasive.

In the remarks, Applicant argued in substance that Dravis does not teach: (a) the use of an identifier for accessing the function in both privileged and non-privileged modes; and (b) a table that maps identifiers to functions.

Examiner respectfully traverses Applicant's remarks.

As to point (a), Dravis teaches an identifier (e.g., identified by ASID) for accessing the function in both privileged (e.g., privileged) and non-privileged modes (e.g., non-privileged) [col.11, lines 40-60].

As to point (b), Dravis teaches a table that maps identifiers to functions (e.g., see mapping discussion beginning at col.7, line 32; col.8, line 43; and col.11, line 4).

Conclusion

6. The prior art made of record on the PTO 892, and not relied upon is considered pertinent to applicant's disclosure.
7. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Contact Information

8. Any inquiry or a general nature or relating to the status of this application should be directed to the TC 2100 Group receptionist: (571) 272-2100.

Any inquiry concerning this communication or earlier communications from the

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examiner should be directed to VAN H. NGUYEN whose telephone number is (571) 272-3765. The examiner can normally be reached on Monday-Thursday from 8:30AM - 6:00PM. The examiner can also be reached on alternative Friday. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, WILLIAM THOMSON can be reached at (571) 272-3718.


The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Any response to this action should be mailed to:

Commissioner for patents
P O Box 1450
Alexandria, VA 22313-1450

Van H. Nguyen
Patent Examiner
Art Unit 2194


WILLIAM THOMSON
SUPERVISORY PATENT